

# Texas Community Diabetes Surveys Summary Report

July 2007

Prepared by the Texas Diabetes Program  
Texas Department of State Health Services



Diabetes continues to be a serious health problem in Texas. The Behavioral Risk Factor Surveillance System (BRFSS) is the main surveillance tool that states use to estimate diabetes prevalence. The BRFSS is a health survey conducted by each state to generate information about health risk behaviors, clinical preventive practices, and health care access and use. The BRFSS provides data at the national, state, public health service region levels, as well as for Metropolitan Statistical Areas (MSAs) and large counties. The Texas Diabetes Program has supplemented BRFSS data with the Texas Community Diabetes Survey (CDS) since 2003. The CDS is conducted in two or three counties per year that are chosen because of high diabetes prevalence and mortality. Cost prohibits surveying all Texas counties.

The 2005 Community Diabetes Survey targeted McLennan and Victoria Counties. McLennan is located near Waco in Health Service Region 7, and Victoria is located in Health Service Region 8 between San Antonio and Corpus Christi.

The following table gives demographic information about McLennan and Victoria Counties, in relation to Texas.

### **2005 POPULATION<sup>§</sup> BY RACE/ETHNICITY**

RACE/ETHNICITY	TEXAS	MCLENNAN	VICTORIA
White, non-Hispanic	11,228,250	134,445	42,030
Black, non-Hispanic	2,597,425	34,526	5,383
Hispanic	8,141,609	49,251	36,986
Other	892,684	4,091	1,056
ALL	22,859,968	222,313	85,455

<sup>§</sup>Source: Texas State Data Center - Office of the State Demographer, Institute for Demographic and Socioeconomic Research, College of Business, University of Texas at San Antonio.

The results of the 2005 Community Diabetes Survey estimate that 21,558 persons aged eighteen years and older in McLennan County have been diagnosed with diabetes (13% of the population). In Victoria County an estimated 9,305 persons aged eighteen years and older have been diagnosed with diabetes (15% of the population).

The 2004 Community Diabetes Survey gathered data from Lee, Fayette, Lubbock, and Uvalde Counties. The following table gives demographic information about Lee and Fayette Counties, Lubbock, and Uvalde Counties.

### **2004 POPULATION<sup>§</sup> BY RACE/ETHNICITY**

RACE/ETHNICITY	TEXAS	LEE AND FAYETTE	LUBBOCK	UVALDE
White, non-Hispanic	11,222,394	28,834	150,382	8,280
Black, non-Hispanic	2,567,841	3,628	19,448	86
Hispanic	7,848,698	6,996	74,212	18,039
Other	851,089	253	5,257	182
ALL	22,490,022	39,711	249,299	26,587

The results of the 2004 Community Diabetes Survey estimate that 3,628 persons aged eighteen years and older in Lee and Fayette Counties have been diagnosed with diabetes (12% of the population). In Lubbock County an estimated 20,645 persons aged eighteen years and older have been diagnosed with diabetes (11% of the population). In Uvalde County an estimated 2,954 persons aged eighteen years and older have been diagnosed with diabetes (16% of the population).

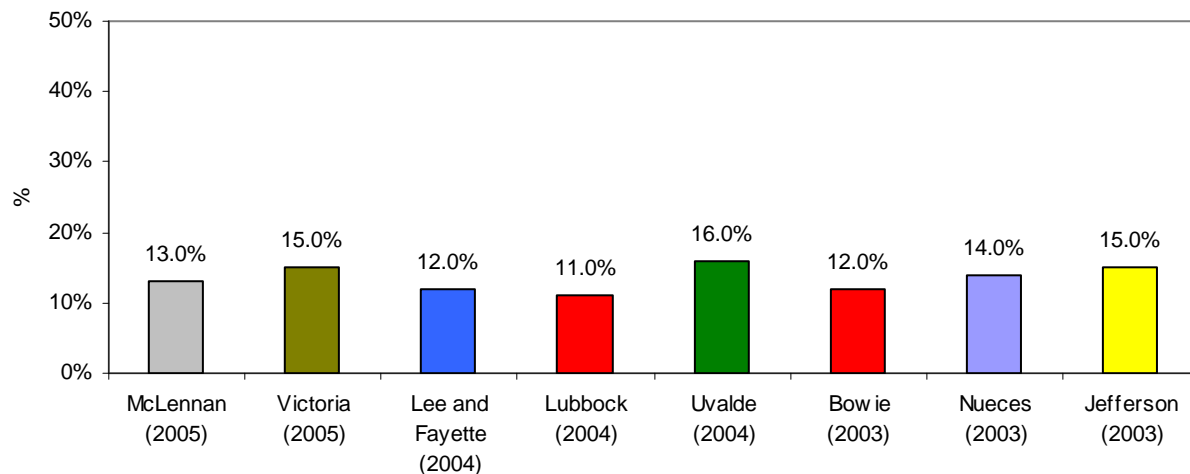
The 2003 Community Diabetes Survey gathered data from Bowie, Nueces, and Jefferson Counties. The following table gives demographic information about Bowie, Nueces, and Jefferson Counties.

## 2003 POPULATION<sup>s</sup> BY RACE/ETHNICITY

RACE/ETHNICITY	TEXAS	BOWIE	NUECES	JEFFERSON
White, non-Hispanic	11,213,300	63,259	112,226	124,009
Black, non-Hispanic	2,538,017	22,053	13,075	85,984
Hispanic	7,557,453	4,667	183,055	30,903
Other	809,739	1,122	5,983	9,811
ALL	22,118,509	91,101	314,339	250,707

The results of the 2003 Community Diabetes Survey estimate that 8,319 persons aged eighteen years and older in Bowie County have been diagnosed with diabetes (12% of the population). In Nueces County an estimated 31,987 persons aged eighteen years and older have been diagnosed with diabetes (14% of the population). In Jefferson County an estimated 28,142 persons aged eighteen years and older have been diagnosed with diabetes (15% of the population).

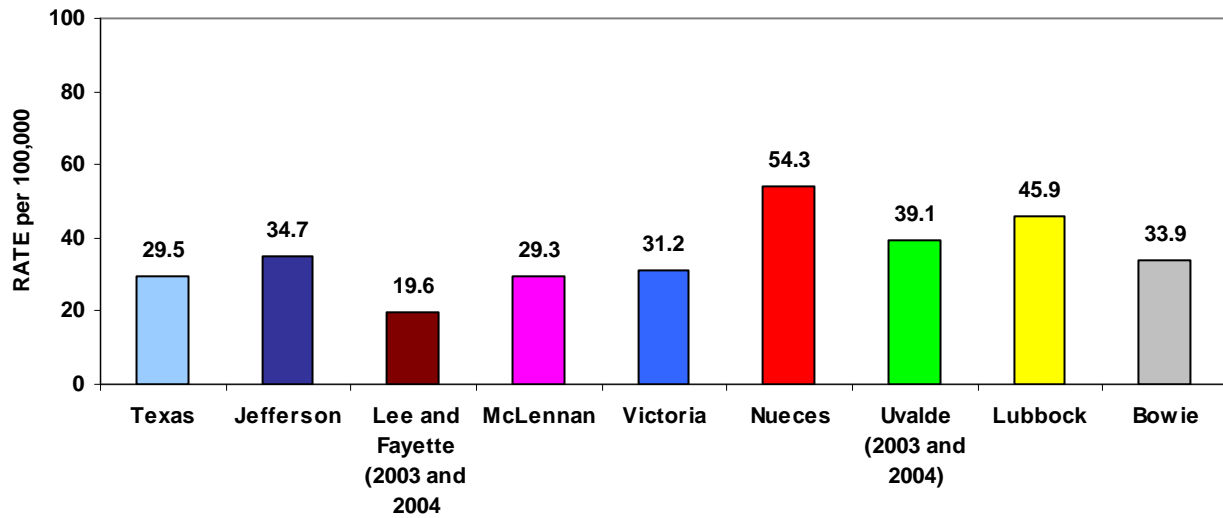
### Diabetes Prevalence\*



### Area

\*Source: Texas CDS. Data are for persons eighteen years of age and older. Data include both type 1 and type 2 diabetes. Persons with diabetes include those who report that they have been told by a doctor that they have diabetes.

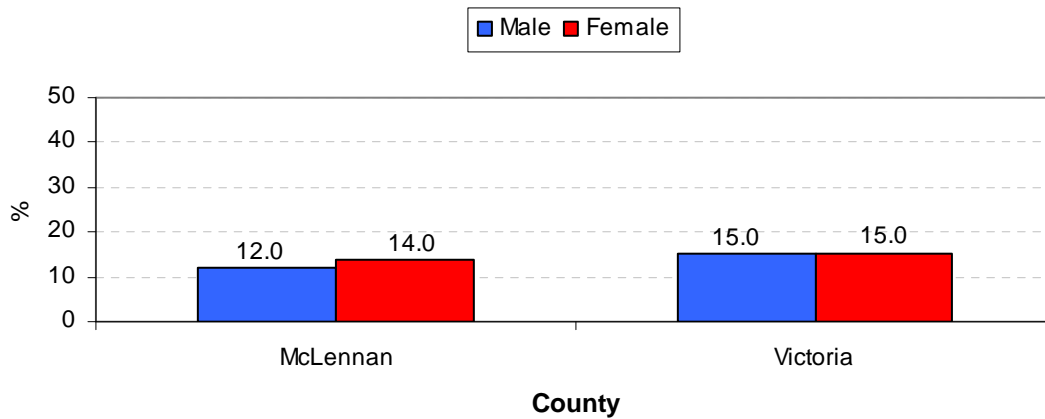
### 2004 Mortality\*



\*Source: Texas Department of State Health Services, Texas Vital Statistics. Data include male and female, and all ages.

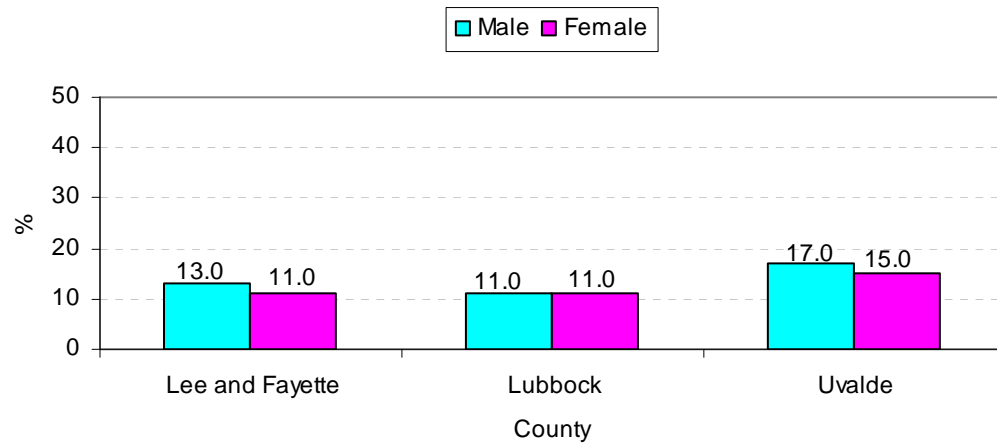
It is also useful to look at mortality data alongside prevalence. Jefferson, Victoria, Nueces, Uvalde, Lubbock, and Bowie Counties have a mortality rate higher than Texas.

### 2005 Diabetes Prevalence by Sex\*



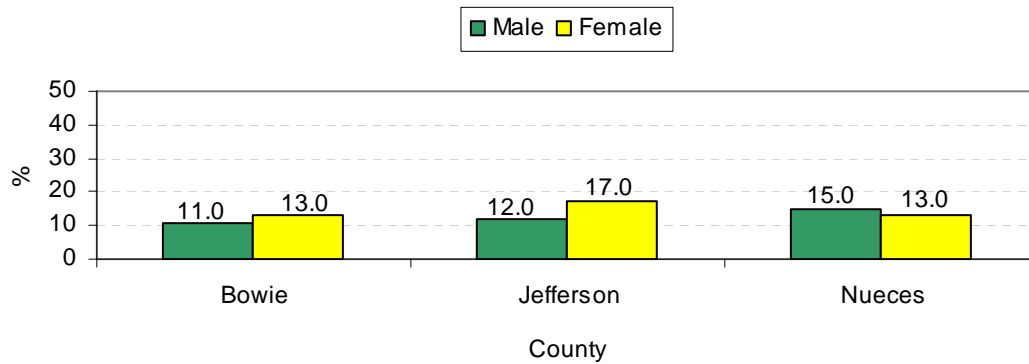
\*Source: Texas CDS. Data are for persons eighteen years of age and older. Data include both type 1 and type 2 diabetes. Persons with diabetes include those who report that they have been told by a doctor that they have diabetes.

**2004 Diabetes Prevalence by Sex\***



\*Source: Texas CDS.

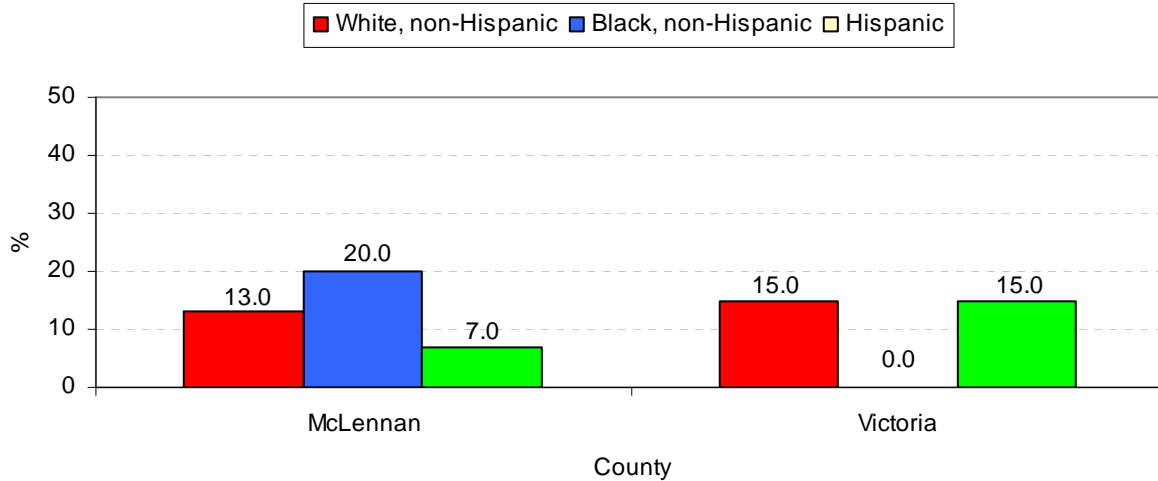
**2003 Diabetes Prevalence by Sex\***



\*Source: Texas CDS.

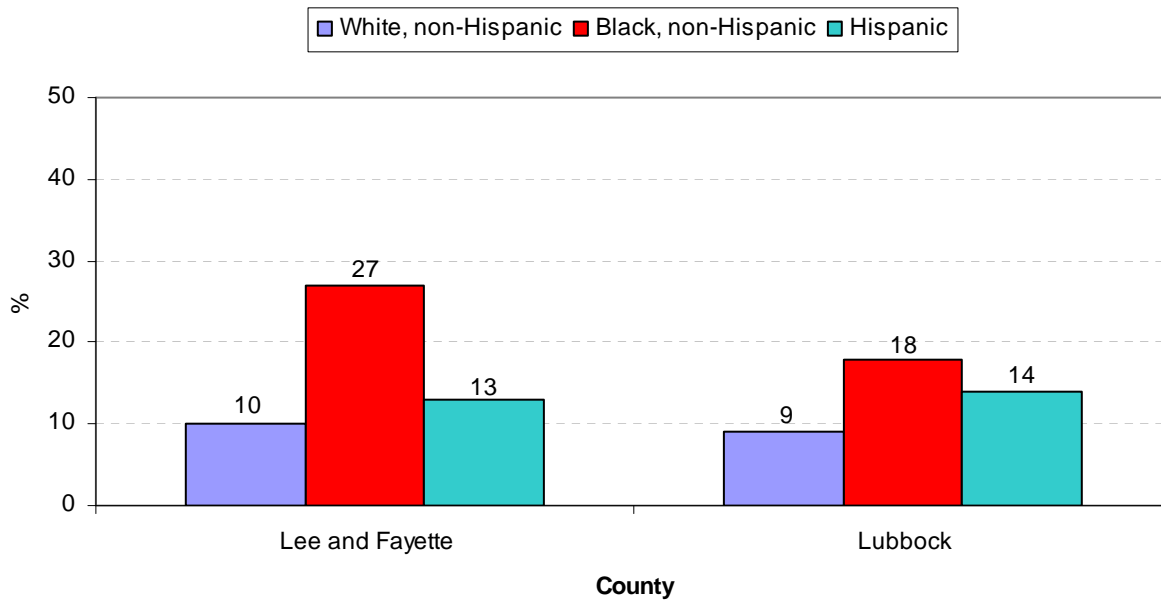
There is not much variation in diabetes prevalence by sex, except for Jefferson County.

### 2005 Diabetes Prevalence by Race/Ethnicity\*



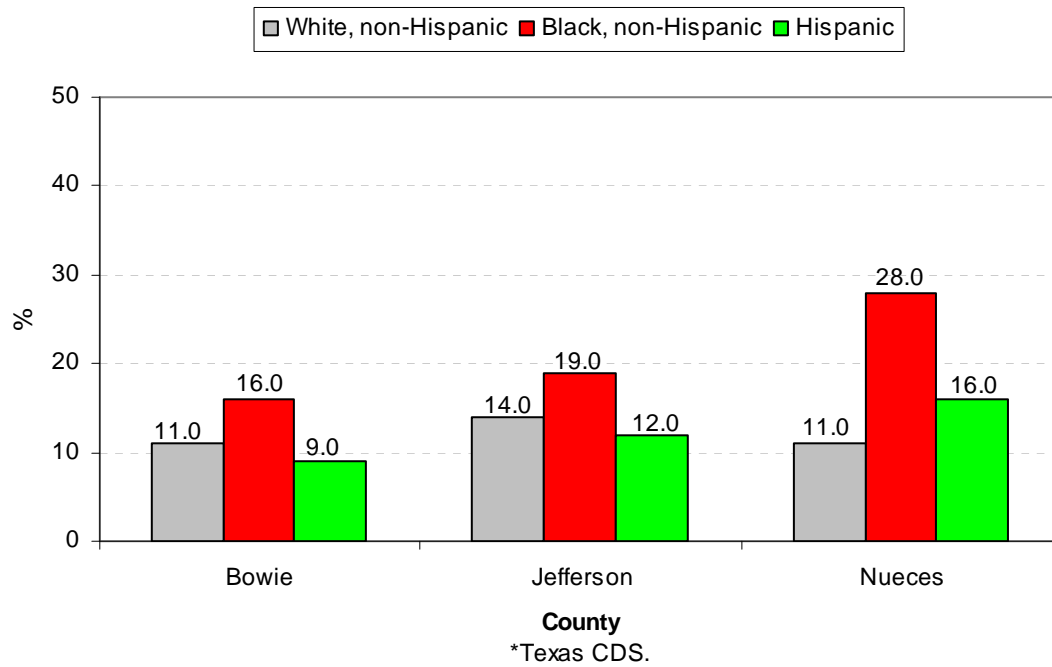
\*Texas CDS 0.0 = Sample size < 50, not able to report.

### 2004 Diabetes Prevalence by Race/Ethnicity\*



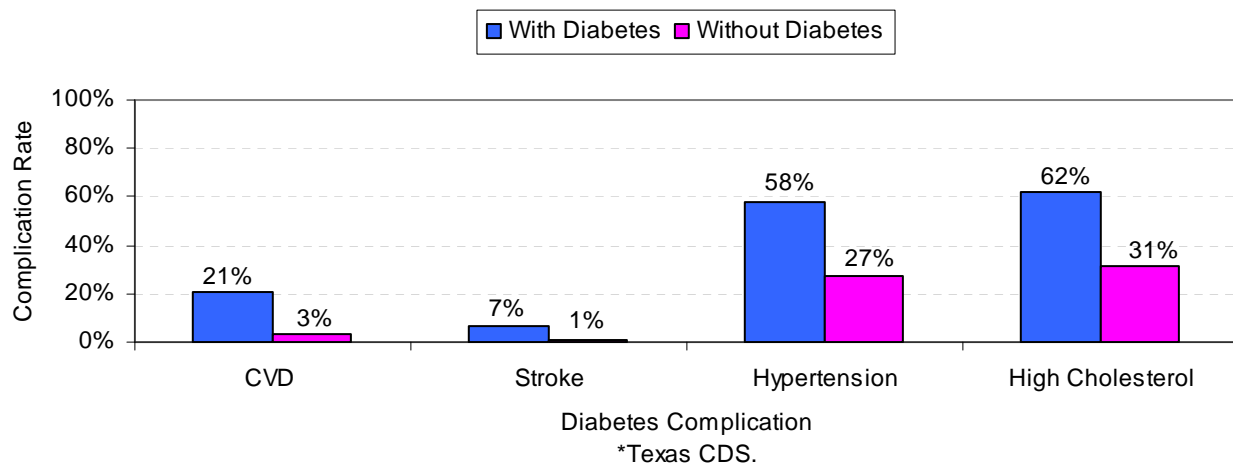
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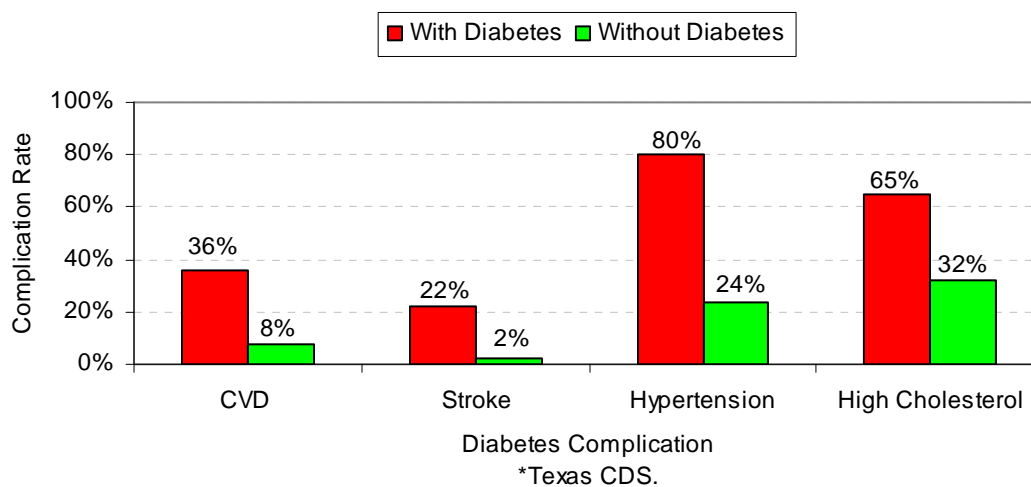


Prevalence is highest for non-Hispanic blacks, followed by Hispanics. Hispanics and non-Hispanic blacks comprise a disproportionate share of diabetes cases.

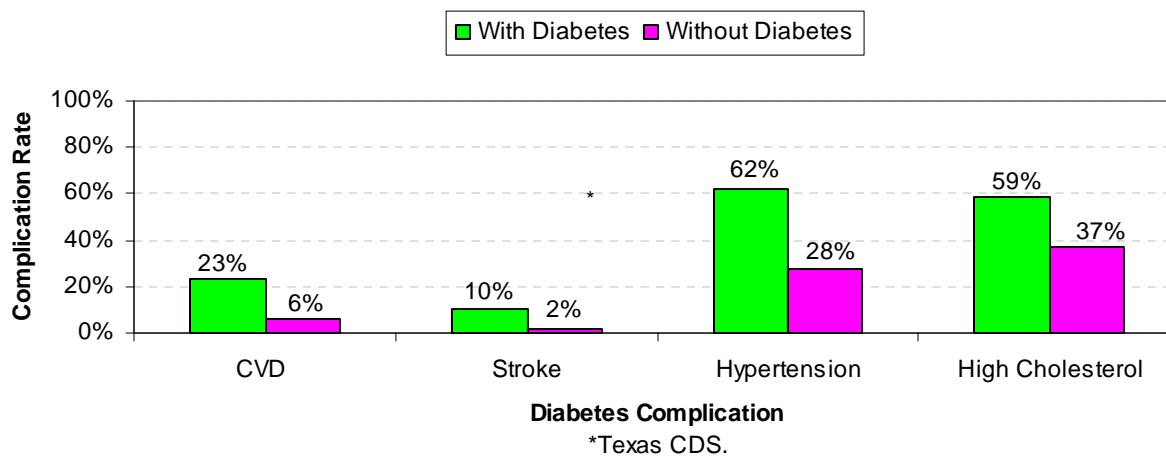
### 2005 Prevalence of Selected Diabetes Complications by Diabetes Status, Victoria County\*



**2005 Prevalence of Selected Diabetes Complications by Diabetes Status, McLennan County\***

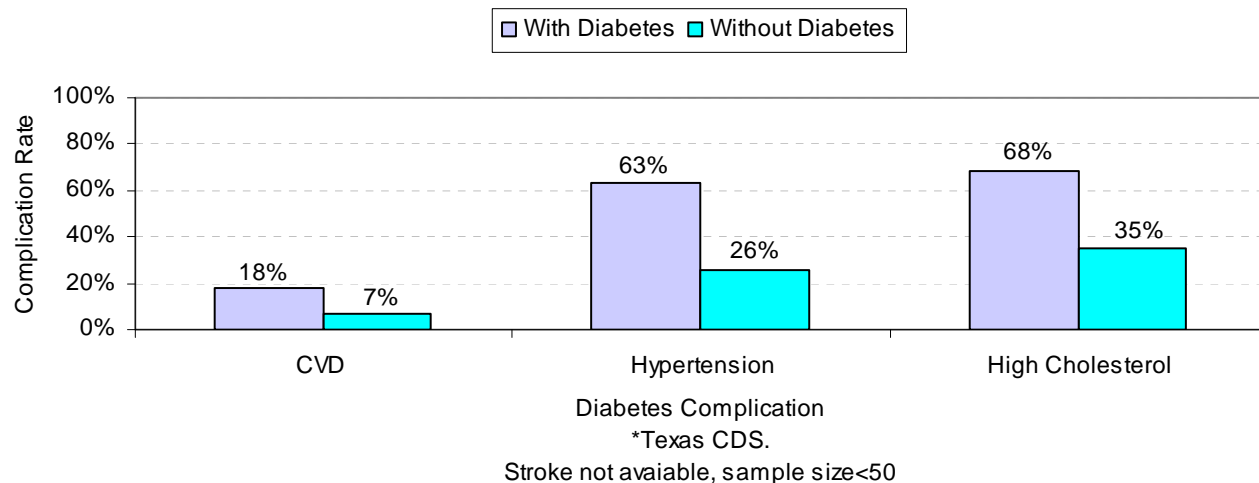


**2004 Prevalence of Selected Diabetes Complications by Diabetes Status, Lee and Fayette Counties\***

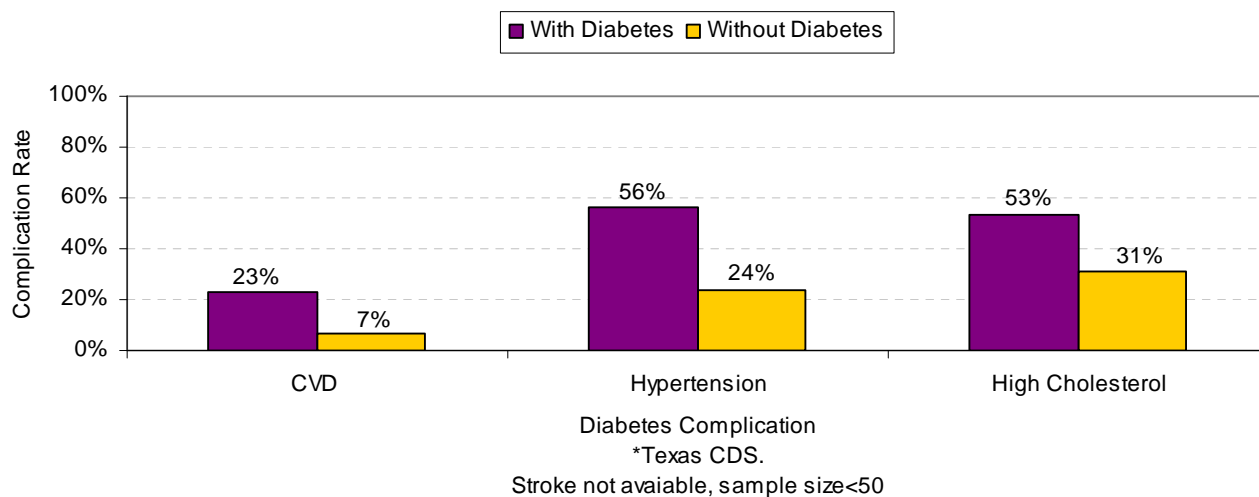




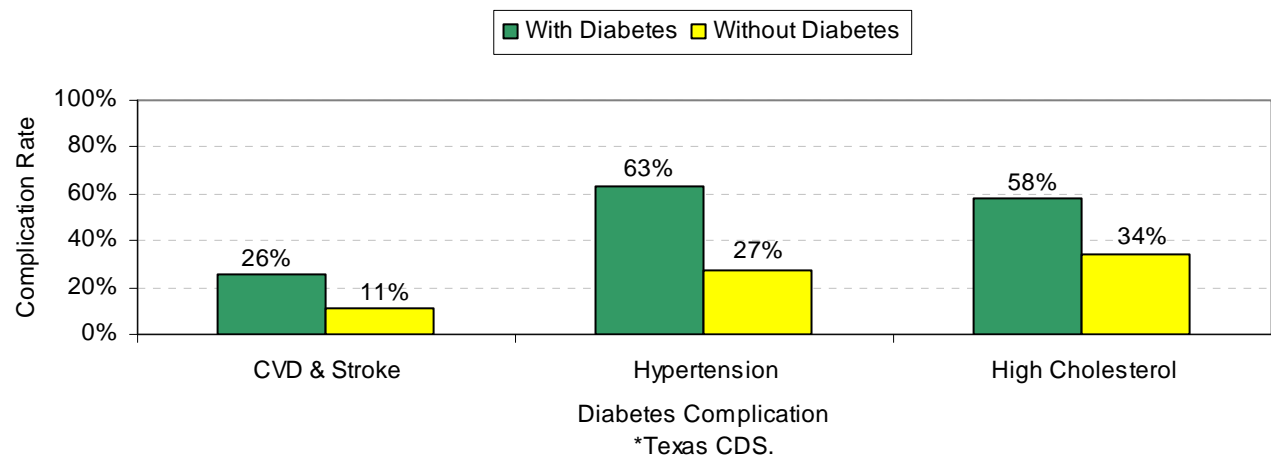
### 2004 Prevalence of Selected Diabetes Complications by Diabetes Status, Lubbock County\*



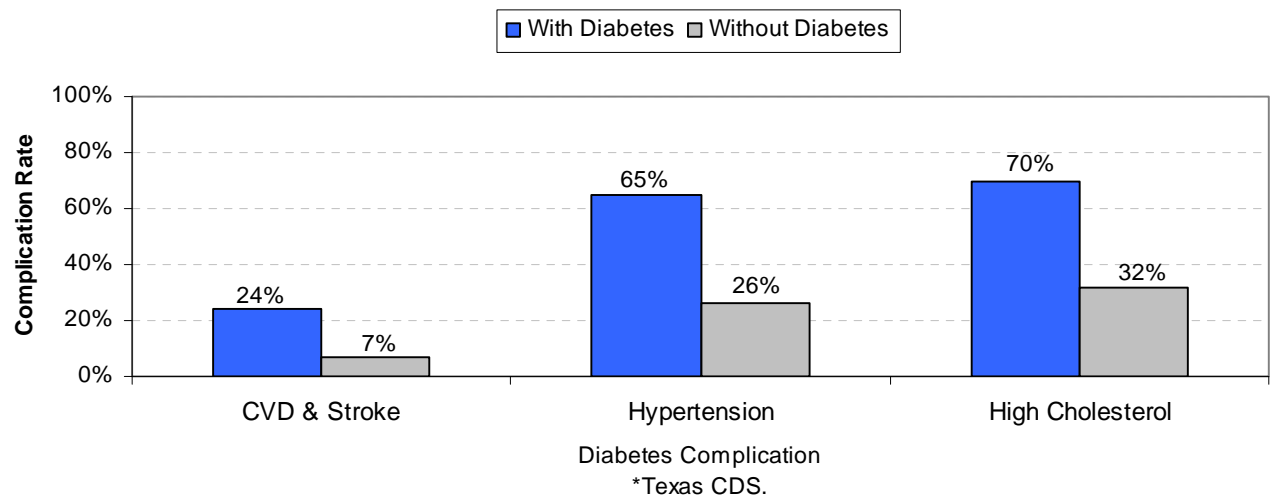
### 2004 Prevalence of Selected Diabetes Complications by Diabetes Status, Uvalde County\*



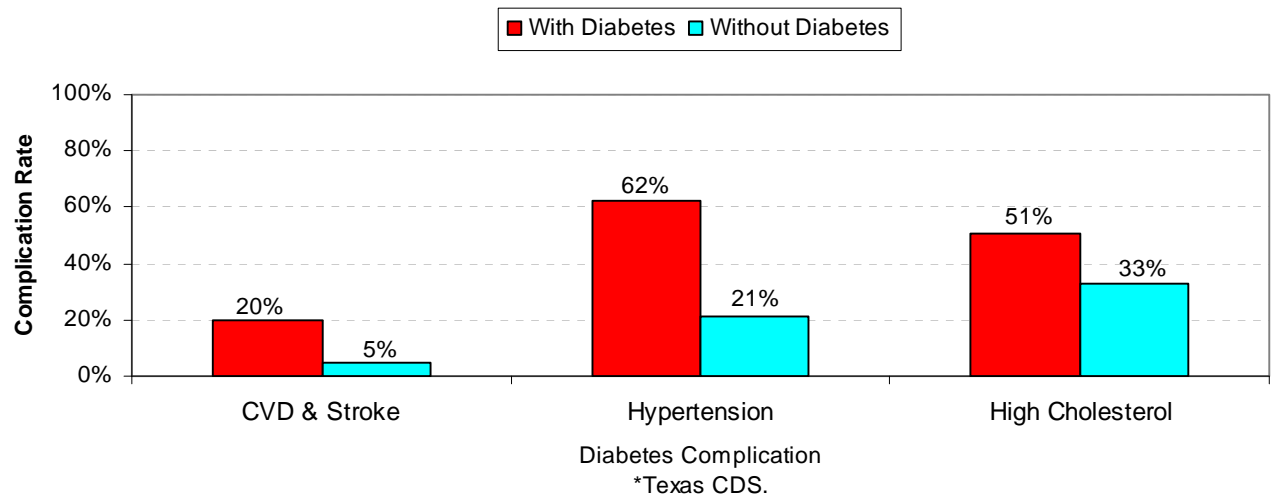
### 2003 Prevalence of Selected Diabetes Complications by Diabetes Status, Bowie County\*



### 2003 Prevalence of Selected Diabetes Complications by Diabetes Status, Jefferson County\*



### 2003 Prevalence of Selected Diabetes Complications by Diabetes Status, Nueces County\*



Persons with diabetes suffer a disproportionate share of cardiovascular complications.